

## ABSTRACT

In a data broadcast material transmission system for ground wave digital broadcasting which cannot be achieved without simultaneously transmitting to many locations (places) nationwide via a cable communications network of a communication provider, redundant information having a data carousel (rotating carousel) format used by a data broadcasting service for the ground wave digital broadcasting is eliminated and transferred to a digital broadcast material relay network serving as the cable communications network to be simultaneously broadcasted, and on each receiving side, the original data carousel is restored.